



Installing PowerBook G4 Aluminum 17" 1.67 GHz (High-Res) Optical Drive Replacement

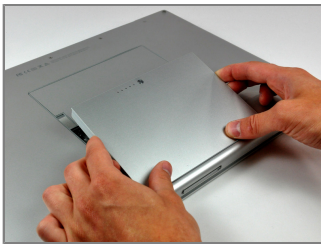
Tools used in this guide

- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [T8 Torx Screwdriver](#) (1)

Parts relevant to this guide

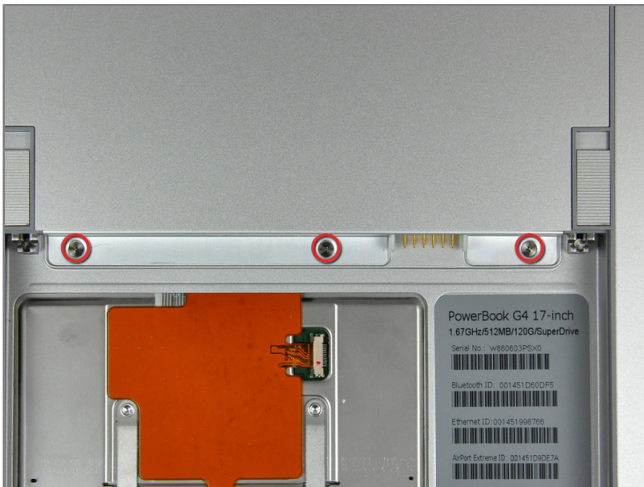
- [12.7 mm PATA 8x SuperDrive \(UJ-875\)](#) (1)
- [G4 Aluminum 17" 1.67 GHz \(HR\) SuperDrive Ribbon Cable](#) (1)

Replace your optical drive to regain disk-reading ability.



Step 1 - Battery

- Use your thumbs to push the two battery retaining tabs away from the battery.
- The battery should pop up enough to rotate it toward yourself and lift it out of the lower case.



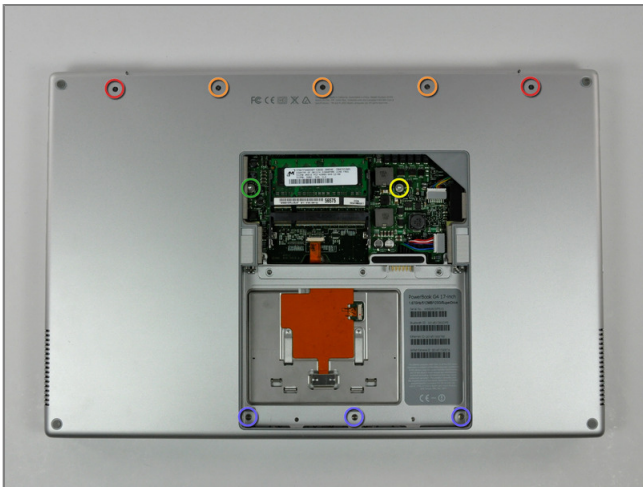
Step 2 - Memory Door

- Remove the three 2.3 mm Phillips screws securing the memory cover to the lower case.



Step 3

- Lift the memory cover slightly and pull it toward yourself to remove it from the lower case.



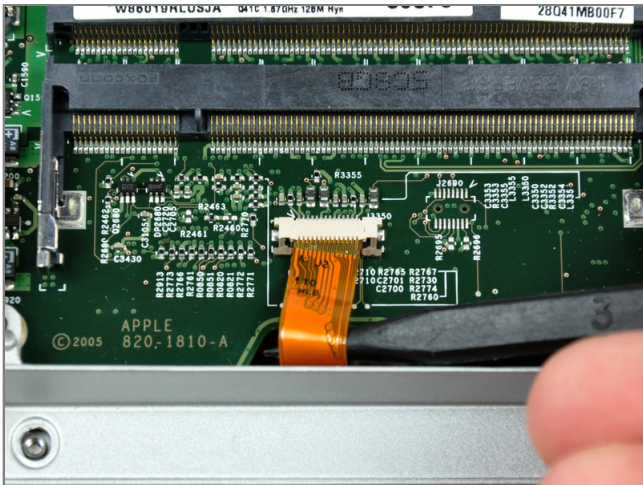
Step 4 - Upper Case

- Remove the following ten screws:
 - Two 14.7 mm shouldered Phillips.
 - Three 12.3 mm Phillips.
 - One 3.8 mm T8 Torx.
 - One 6.8 mm T8 Torx.
 - Three 1.3 mm Phillips.



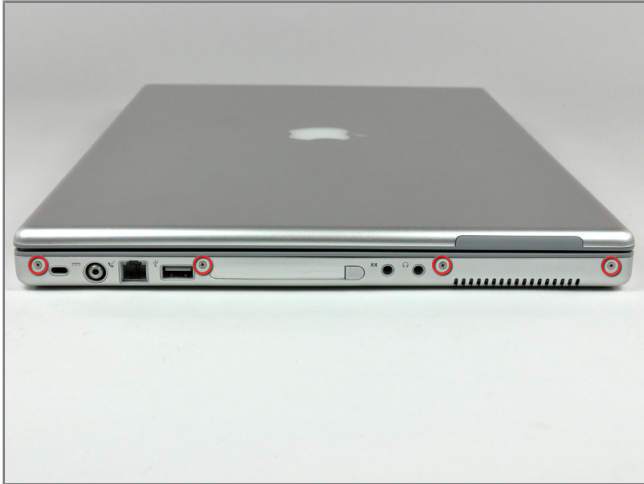
Step 5

- The ZIF cable is located underneath the bottom RAM slot. If your PowerBook has both RAM slots occupied, make sure to [remove](#) the RAM chip.
- Use your fingernails to separate the ZIF cable lock away from its socket.
- The ZIF cable lock will move about a millimeter away from the socket before it stops (see picture 2). **Do not** try to remove the ZIF cable lock.



Step 6

- Use the tip of a spudger to slide the trackpad ribbon cable out of its socket.



Step 7

- Remove the four 3.4 mm Phillips screws from the PC card side of the PowerBook.
- When replacing these screws, you must reinstall each screw in the correct order. Begin by installing the screw closest to the display hinge, and go out from there.



Step 8

- Remove the four 3.4 mm Phillips screws from the DVI connector side of the PowerBook.
- When replacing these screws, you must reinstall each screw in the correct order. Begin by installing the screw closest to the display hinge, and go out from there.
- During reassembly, make sure to reinstall the two screws on the right into their appropriate locations, and not the DVI port anchor holes.





Step 9

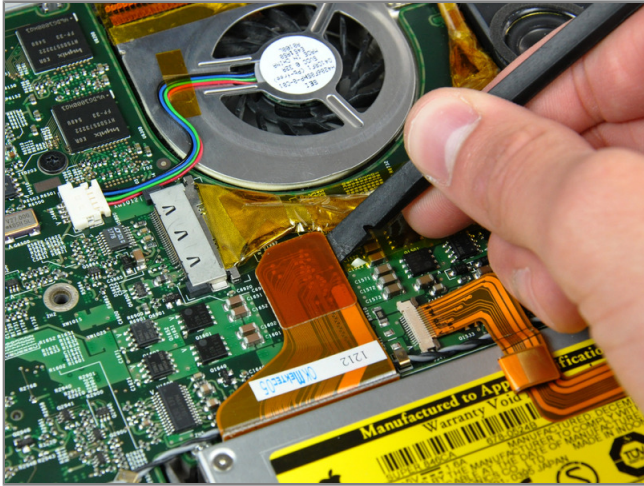
- Depress the display latch release button and open your display.



Step 10

- Starting near the display, lift the upper case straight up off the lower case, minding any cables that may get caught.





Step 11 - Optical Drive

- Use the flat end of a spudger to pry the optical drive cable connector up off the logic board.



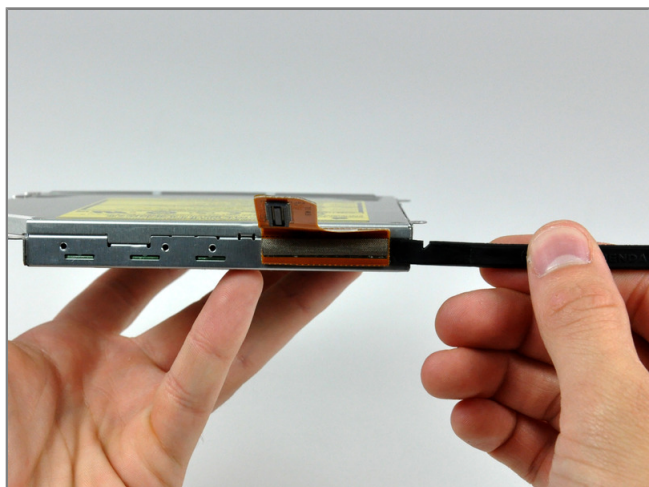
Step 12

- Remove the following four screws securing the optical drive to the lower case:
 - Three 6.8 mm T8 Torx.
 - One 3.8 mm T8 Torx.



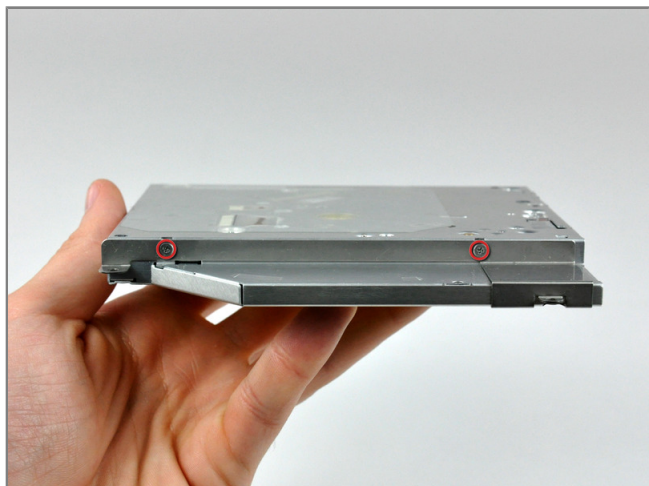
Step 13

- Lift the optical drive out of the lower case, being careful not to disturb the PRAM battery & USB board ribbon cable.



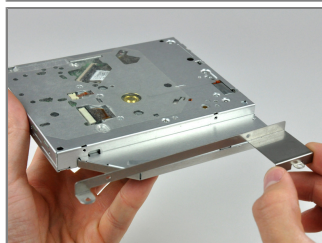
Step 14 - Optical Drive Replacement

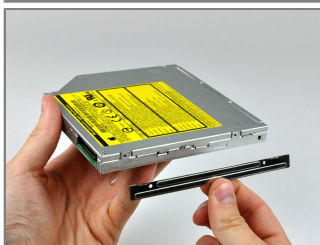
- Use the flat end of a spudger to separate the optical drive connector from the optical drive.
- If necessary, pull the optical drive cable away from the optical drive.



Step 15

- Remove the two Phillips screws holding the optical drive bracket to the side of the optical drive.
- Pull the optical drive bracket away from the thin side of the optical drive.





Step 16

- Remove the two Phillips screws securing the flat optical drive bracket to the side of the optical drive.
- Remove the optical drive bracket.
- If you have a disk or anything else stuck inside your optical drive, we have a [guide](#) to fix it.



To reassemble your device, follow these instructions in reverse order.

This document was last generated on Dec 14, 2010.